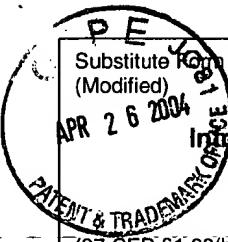


Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.			
		Filing Date 12/28/99	Group Art Unit 2143		
(37 CFR §1.98(b))					

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DL	AA	6,694,380	02/17/2004	Wolrich et al.			
	AB	6,681,300	01/20/2004	Wolrich et al.			
	AC	6,668,317	12/23/2003	Bernstein et al.			
	AD	6,667,920	06/09/2003	Wolrich et al.			
	AE	6,661,794	12/09/2003	Wolrich et al.			APR 28 2004
	AF	6,631,462	10/07/2003	Wolrich et al.			Technology Center 2100
	AG	6,631,430	10/07/2003	Wolrich et al.			
	AH	6,625,654	09/23/2003	Wolrich et al.			
	AI	6,606,704	08/12/2003	Adiletta et al.			
	AJ	6,587,906	07/01/2003	Wolrich et al.			
	AK	6,584,522	06/24/2003	Wolrich et al.			
	AL	6,577,542	06/10/2003	Wolrich et al.			
	AM	6,560,667	05/06/2003	Wolrich et al.			
	AN	6,532,509	03/11/2003	Wolrich et al.			
	AO	6,463,072	10/08/2002	Wolrich et al.			
	AP	6,434,145	08/13/2002	Opsasnick et al.			
	AQ	6,427,196	07/30/2002	Adiletta et al.			
	AR	6,426,940	07/30/2002	Seo et al.			
	AS	6,415,338	07/02/2002	Habot			
	AT	6,393,483	05/21/2002	Latif et al.			
	AU	6,389,449	05/14/2002	Nermirovsky et al.			
	AV	6,373,848	04/16/2002	Allison et al.			
	AW	6,360,262	03/19/2002	Guenthner et al.			
	AX	6,347,344	02/12/2002	Baker et al.			
	AY	6,345,334	02/05/2002	Nakagawa et al.			
	AZ	6,324,624	11/27/01	Wolrich et al.			
DE	AAA	6,307,789	10/23/2001	Wolrich et al.			

Examiner Signature <i>David Englund</i>	Date Considered <i>6/27/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449
(Modified)
APR 26 2004
Information Disclosure Statement
by Applicant
(Use several sheets if necessary)
(37 CFR §1.98(b))

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10559-128001

Application No.
09/473,571

Applicant
Gilbert Wolrich et al.

Filing Date
12/28/99

Group Art Unit
2143

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DC	ABB	6,298,370	10/02/2001	Tang et al.			
	ACC	6,289,011	09/11/2001	Seo et al.			
	ADD	6,272,616	08/07/2001	Fernando et al.			
	AEE	6,256,713	07/03/2001	Audityan et al.			
	AFF	6,247,025	06/12/2001	Bacon			RECEIVED
	AGG	6,223,279	04/24/2001	Nishimura et al.			APR 28 2004
	AHH	6,223,238	04/24/2001	Meyer et al.			
	AII	6,223,207	04/24/2001	Lucovsky et al.			Technology Center 2100
	AJJ	6,216,220	04/10/2001	Hwang			
	AKK	6,212,611	04/03/2001	Nizar et al.			
	ALL	6,212,542	04/03/2001	Kahle et al.			
	AMM	6,201,807	03/18/2001	Prasanna			
	ANN	6,199,133	03/06/2001	Schnell			
	AOO	6,195,676	02/27/2001	Spix et al.			
	APP	6,182,177	01/30/2001	Harriman			
	AQQ	6,160,562	12/12/2000	Chin et al.			
	ARR	6,157,955	12/05/2000	Narad et al.			
	ASS	6,145,054	11/07/2000	Mehrotra et al.			
	ATT	6,141,765	10/31/2000	Sherman			
	AUU	6,141,689	10/31/2000	Yasrebi			
	AVV	6,112,016	08/29/2000	MacWilliams et al.			
	AWW	6,092,158	07/18/2000	Harriman et al.			
	AXX	6,092,127	07/18/2000	Tausheck			
	AYY	6,085,294	07/04/2000	Van Doren et al.			
	AZZ	6,085,215	07/04/2000	Ramakrishnan et al.			
DC	AAAA	6,079,008	06/20/2000	Clery, III			
DC	ABBB	6,073,215	06/06/2000	Snyder			

Examiner Signature

Date Considered

6/27/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.		
		Filing Date 12/28/99	Group Art Unit 2143	
(37 CFR §1.98(b))				

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DC	ACCC	6,072,781	06/06/2000	Feeney et al.			
	ADDD	6,070,231	05/30/2000	Ottinger			
	AEEE	6,023,742	02/08/2000	Ebeling et al.			
	AFFF	6,014,729	01/11/2000	Lannan et al.			
	AGGG	6,012,151	01/04/2000	Mano			
	AHHH	5,983,274	11/09/1999	Hyder et al.			
	AIII	5,978,838	11/02/1999	Mohammed et al.			APR 28 2004
	AJJJ	5,978,838	11/02/1999	Heinrich et al.			Technology Center 2100
	AKKK	5,970,013	10/19/1999	Fischer et al.			
	ALLL	5,961,628	10/05/1999	Nguyen et al.			
	AMMM	5,958,031	09/28/1999	Kime			
	ANNN	5,948,081	09/07/1999	Foster			
	AOOO	5,946,487	08/31/1999	Dangelo			
	APPP	5,940,866	08/17/1997	Chisholm et al.			
	AQQQ	5,940,612	08/17/1999	Brady et al.			
	ARRR	5,937,187	08/21/1995	Kosche et al.			
	ASSS	5,915,123	06/22/1999	Mirsky et al.			
	ATTT	5,905,889	05/18/1999	Wilhelm, Jr.			
	AUUU	5,905,876	08/18/1999	Pawlowski et al.			
	AVVV	5,890,208	03/30/1999	Kwon			
	AWWW	5,886,992	03/23/1999	Raatikainen et al.			
	AXXX	5,860,158	01/12/1999	Pai et al.			
	AYYY	5,854,922	12/29/1998	Gravenstein et al.			
	AZZZ	5,835,755	11/10/1998	Stellwagen, Jr.			
	AAAAA	5,832,215	11/03/1998	Kato et al.			
	BBBBB	5,828,863	10/27/1998	Barrett et al.			
DC	ACCCC	5,828,746	10/27/1998	Ardon			

Examiner Signature <i>David England</i>	Date Considered <i>6/27/04</i>
EXAMINER: Initials citation considered: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small>		PE APR 26 2004 PATENT DOCUMENTS		Applicant Gilbert Wolrich et al.	
(37 CFR §1.98(b))				Filing Date 12/28/99	Group Art Unit 2143

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DC	ADDDD	5,812,868	11/22/1998	Moyer et al.			
	AEEEE	5,809,530	09/15/1998	Samra et al.			
	AFFFF	5,809,235	09/15/1998	Sharma et al.			
	AGGGG	5,797,043	08/18/1998	Lewis et al.			
	AHHHH	5,796,413	08/18/1998	Shipp et al.			
	AIIII	5,784,712	07/21/1998	Byers et al.			
	AJJJJ	5,784,649	07/21/1998	Begur et al.			
	AKKKK	5,781,774	07/14/1998	Krick			APR 28 2004
	ALLLL	5,761,522	06/02/1998	Hisanga et al.	Technology	Center 2100	
	AMMMM	5,761,507	06/02/1998	Govett			
	ANNNN	5,751,987	04/12/1998	Mahant-Shetti et al.			
	AOOOO	5,745,913	04/28/1998	Pattin et al.			
	APPPP	5,742,822	04/21/1998	Motomura			
	AQQQQ	5,742,782	04/21/1998	Ito et al.			
	ARRRR	5,742,587	04/21/1998	Zornig et al.			
	ASSSS	5,721,870	02/24/1998	Matsumoto			
	ATTTT	5,717,898	02/10/1998	Kagan et al.			
	AUUUU	5,699,537	12/16/1997	Sharangpani et al.			
	AVVVV	5,689,566	11/18/1997	Nguyen			
	AWWWW	5,680,641	10/21/1997	Sidman			
	AXXXX	5,659,687	08/19/1997	Kim et al.			
	AYYYY	5,649,157	07/15/1997	Williams			
	AZZZZ	5,630,641	05/13/1997	Perotto et al.			
	AAAAAA	5,627,829	05/06/1997	Gleeson et al.			
	BBBBBB	5,613,136	03/18/1997	Casavant et al.			
	CCCCCC	5,613,071	03/18/1997	Rankin et al.			
DC	ADDDDI	5,574,922	11/12/1996	James			

Examiner Signature <i>David England</i>	Date Considered <i>6/27/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small>		APR 26 2004 JCST Patent Office Applicant Gilbert Wolrich et al.		
(37 CFR §1.98(b))		Filing Date 12/28/99	Group Art Unit 2-143	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DC	AEEEEEE	5,568,617	10/22/1996	Kametani			
	AFFFFF	5,557,766	09/17/1996	Takiguchi et al.			
	AGGGGG	5,550,816	08/27/1996	Hardwick et al.			
	AHHHHHH	5,544,236	08/06/1996	Andruska et al.			
	AIIIII	5,542,088	07/30/1996	Jennings, Jr. et al.			
	AJJJJJ	5,542,070	07/30/1996	LeBlanc et al.			
	AKKKKK	5,517,648	05/14/1996	Bertone et al.			APR 28 2004
	ALLLLL	5,467,452	11/14/1995	Blum et al.			Technology Center 2100
	AMMMMI	5,463,625	10/31/1995	Yasrebi			
	ANNNNN	5,459,842	10/17/1995	Begun et al.			
	AOOOOC	5,452,437	09/19/1995	Richey et al.			
	APPPPP	5,450,351	09/12/1995	Heddes			
	AQQQQQ	5,448,702	09/05/1995	Garcia, Jr. et al.			
	ARRRRR	5,432,918	07/11/1995	Stamm			
	ASSSSS	5,404,484	04/04/1995	Bennett			
	ATTTTT	5,404,482	04/04/1995	Stamm et al.			
	AUUUUU	5,392,412	02/21/1995	McKenna			
	AVVVVV	5,392,411	02/21/1995	Ozaki			
	WWWWWW	5,392,391	02/21/1995	Caulk, Jr. et al.			
	AXXXXX	5,390,329	02/14/1995	Gaertner et al.			
	YYYYYY	5,367,678	11/22/1994	Lee et al.			
	AZZZZZ	5,347,648	09/13/1994	Stamm et al.			
	AAAAAA	5,263,169	11/16/1993	Genusov et al.			
	BBBBBB	5,255,239	10/19/1993	Taborn et al.			
	CCCCCC	5,173,897	12/22/1992	Schrodi et al.			
	DDDDDD	5,173,897	12/22/1992	Pfeiffer et al.			
DC	AEEEEEE	5,168,555	12/01/1992	Byers et al.			

Examiner Signature <i>David England</i>	Date Considered 6/27/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
(37 CFR §1.98(b))		Filing Date 12/28/99	Group Art Unit 2143

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DC	AFFFFF	5,155,854	10/13/1992	Flynn et al.			
	AGGGGG	5,155,831	10/13/1992	Emma et al.			
	AHHHHHH	5,142,683	08/25/1992	Burkhardt, Jr. et al.			
	AIIIIII	5,140,685	08/18/1992	Sipple et al.			
	AJJJJJJ	4,866,664	09/12/1989	Burkhardt, Jr. et al.			
	AKKKKK	4,745,544	05/17/1988	Renner et al.			
	ALLLLL	4,523,272	06/11/1985	Fukunaga et al.			
	MMMMMM	4,514,807	04/30/1985	Nogi			
	ANNNNNN	4,400,770	08/23/1983	Chan et al.			
	AOOOOO	4,130,890	12/19/1978	Adam			
	APPPPPP	3,940,745	02/24/1976	Sajeva			
	AQQQQQ	3,792,441	02/12/1974	Wymore et al.			
	ARRRRR	3,478,322	11/11/1969	Evans			
	ASSSSSS	3,373,408	03/12/1968	Ling			
	ATTTTT	10/726,757	12/03/2003	Wolrich et al.			
	AUUUUU	10/684,078	10/10/2003	Wolrich et al.			
	AVVVVV	10/664,202	09/16/2003	Wolrich et al.			
	WWWWWW	10/644,337	08/20/2003	Wolrich et al.			
	AXXXXX	10/643,438	08/19/2003	Bernstein et al.			
	AYYYYY	10/615,500	07/08/2003	Adiletta			
	AZZZZZZ	10/615,280	07/08/2003	Wolrich et al.			
	AAAAAAA	10/440,079	05/15/2003	Wolrich et al.			
	BBBBBBB	10/208,264	07/30/2002	Adiletta et al.			
	ACCCCCC	09/476,303	12/30/1999	Wolrich et al.			
	DDDDDD	09/475,614	12/30/1999	Wolrich et al.			
DC	AEEEEEE	09/387,109	08/31/1999	Adiletta et al.			

RECEIVED

APR 28 2004

Technology Center 2100

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Signature <i>David England</i>	Date Considered 6/27/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APR 15 2004 PATENT & TRADEMARK OFFICE		
(37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	Filing Date 12/28/99	Group Art Unit 2143

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
DR	AAAAFFF	WO 01/50679	07/12/2001	WIPO			
	GGGGGGG	WO 01/50247	07/12/2001	WIPO			
	HHHHHHH	WO 01/48619	07/05/2001	WIPO			
	IIIIIII	WO 01/48606	07/05/2001	WIPO			
	AJJJJJJ	WO 01/48596	07/05/2001	WIPO			
	KKKKKKK	WO 01/16782	03/08/2001	WIPO			RECEIVED
	LLLLLLL	WO 01/16770	03/08/2001	WIPO			APR 28 2004
	IMMMMMI	WO 01/16769	03/08/2001	WIPO			
	NNNNNNN	WO 01/15718	03/08/2001	WIPO			Technology Center 2100
	OOOOOOC	WO 97/38372	10/16/1997	WIPO			
	APPPPPP	WO 94/15287	07/07/1994	WIPO			
	QQQQQQC	EP 0 809 180	11/26/1997	Europe			
	ARRRRRR	EP 0 745 933	12/04/1996	Europe			
	ASSSSSS	EP 0 633 678	01/11/1995	Europe			
	ATTTTTT	EP 0 464 715	01/08/1992	Europe			
	UUUUUUU	EP 0 379 709	08/01/1990	Europe			
DR	VVVVVVV	59111533	06/27/1984	Japan			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
DR	WWWWWWW	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
	XXXXXXX	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.
	YYYYYYY	Fillo et al., "The M-Machine Multicomputer," <i>IEEE Proceedings of MICRO-28</i> , 1995, pp. 146-156.
	AZZZZZZ	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
	AAAAAAA	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," <i>IEEE Symposium on FPGAs for Custom Computing Machines</i> , 1998.
DR	BBBBBBB	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," <i>Proceedings of the 5th Annual IEEE Symposium on Field-Programmable Custom Computing Machines</i> , 1997.

Examiner Signature <i>David England</i>	Date Considered 6/27/04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-128001	Application No. 09/473,571
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
- (37 CFR §1.98(b))		Filing Date APR 26 2004	Group Art Unit 2143

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
DC	CCCCCC	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
	DDDDDDDD	Litch et al., "StrongARMing Portable Communications," <i>IEEE Micro</i> , 1998, pp. 48-55.
	EEEEEEEE	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
	FFFFFFF	Thistle et al., "A Processor Architecture for Horizon," <i>IEEE</i> , 1998, pp. 35-41.
	GGGGGGGG	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," <i>IEEE Proceedings of the 28th Annual Hawaii International Conference on System Sciences</i> , 1995, pp. 191-201.
	HHHHHHHH	Trimberger et al., "A time-multiplexed FPGA," <i>Proceedings of the 5th Annual IEEE Symposium on Field-Programmable Custom Computing Machines</i> , 1998.
	AIIIIIII	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
	AJJJJJJJ	Vibhavavajit et al., "Simultaneous Multithreading-Based Routers," <i>Proceedings of the 2000 International Conference of Parallel Processing</i> , Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
DC	KKKKKKKK	Wazlowski et al., "PRSIM-II computer and architecture," <i>IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines</i> , 1993.

RECEIVED

APR 28 2004

Technology Center 2100

Examiner Signature <i>David England</i>	Date Considered <i>6/27/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	